



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. .... 09/662531  
Inventorship .....Varadhan  
Filing Date .....September 15, 2000  
Assignee ..... Lucent Technologies Inc.  
Art Unit ..... 2616  
Examiner ..... Roberta Shand  
Docket No. .... La Porta 42-19-7-4-6  
Customer No. .... 50959  
Title: Transient tunneling for dynamic host addressing on mobile hosts

**AFFIDAVIT UNDER C.F.R. 1.131**  
**AFFIDAVIT OF SANDRA THUEL**

State of New Jersey  
County of Monmouth

To the Commissioner of Patents:

being duly sworn, deposes and says:

1. I am a named inventor of Application No.09/662,531, relating to a method for enabling a portable and/or mobile host, using the Mobile Internet Protocol to dynamically acquire a home address in a manner consistent with the Dynamic Host Configuration Protocol when powering up in a foreign network, which was filed on September 15, 2000 and claims priority of provisional application serial No. 60/193,340 filed on March 30, 2000.
2. I conceived of the invention in this country on January 25, 2000.
3. I kept records of the progress while working thereon with others at Lucent Technologies, namely co-inventors, Thomas F. LaPorta (no longer with Lucent Technologies), Kannan Varadhan (no longer with Lucent Technologies), Ramachandran Ramjee, (no longer with Lucent Technologies) and Luca Salgarelli (no longer with Lucent Technologies). Photostatic copies of records are attached hereto as exhibits.  
Records (exhibits) include:
  - i. Transient Tunneling paper authored by Sandra Thuel describing details of the invention dated February 8, 2000. An earlier version was distributed to co-inventors for comments on or before January 25, 2000.
  - ii. Email thread which initiated serious discussions on the subject matter of the invention dating from May 25, 1999 to December 8, 1999.

Affidavit of Sandra Thuel  
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- iii. Email thread on the IETF mobile-IP mailing list which resurfaced the question on how to do dynamic addressing for mobile nodes using DHCP dated December 7, 1999.
  - iv. Email thread amongst co-inventors discussing one aspect of the invention (the use of private home addressing or 10.\*) dated January 17, 2000.
  - v. Email thread amongst co-inventors providing feedback to Sandra Thuel on a document authored by her which described the technical solution provided by the invention.
4. On information and belief I state that the invention or any claim thereof was not on sale or in public use in this country, nor was it patented or described in a printed publication in this or a foreign country, more than one year prior to the date of the above identified application for patent or the filing date of the application for Patent No. 6,707,809, which substantially shows or describes but does not claim my invention, which was filed on September 15, 2000.
5. My invention has never been abandoned.

Sandra Thuel  
Sandra Thuel

On this 1<sup>st</sup> day of October, 2007, before me personally came Sandra Thuel, known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public  
SHANNON E. LANG  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
MY COMMISSION EXPIRES JUNE 05, 2008